

Information Technology Comes to Medicine

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Citation Report

#	ARTICLE	IF	CITATIONS
2	Anniversary Paper: Roles of medical physicists and health care applications of informatics. <i>Medical Physics</i> , 2008, 35, 119-127.	3.0	6
3	Electronic Health Services an Introduction to Theory and Application. <i>Libyan Journal of Medicine</i> , 2007, 2, 202-210.	1.6	8
4	Electronic Result Viewing and Quality of Care in Small Group Practices. <i>Journal of General Internal Medicine</i> , 2008, 23, 405-410.	2.6	21
5	Comparison of Electronic Physician Prompts versus Waitroom Case-Finding on Clinical Trial Enrollment. <i>Journal of General Internal Medicine</i> , 2008, 23, 447-450.	2.6	48
6	Examining the value of electronic health records on labor and delivery. <i>American Journal of Obstetrics and Gynecology</i> , 2008, 199, 307.e1-307.e9.	1.3	38
7	Building an Information Technology Infrastructure. <i>Journal of Law, Medicine and Ethics</i> , 2008, 36, 709-715.	0.9	9
8	Access Intervention in an Integrated, Prepaid Group Practice: Effects on Primary Care Physician Productivity. <i>Health Services Research</i> , 2008, 43, 1888-1905.	2.0	16
10	Next Generation of Health Information Tools: Where Do We Go From Here?. <i>Mayo Clinic Proceedings</i> , 2008, 83, 745-746.	3.0	3
11	Bridging Radiology and Public Health: The Emerging Field of Radiologic Public Health Informatics. <i>Journal of the American College of Radiology</i> , 2008, 5, 174-181.	1.8	15
12	Future of biobanking in microbiology for medical research. <i>Future Microbiology</i> , 2008, 3, 79-86.	2.0	5
13	Options for Slowing the Growth of Health Care Costs. <i>New England Journal of Medicine</i> , 2008, 358, 1509-1514.	27.0	113
14	Value Versus User Fees: Perspectives of Patients Before and After Using a Web-Based Portal for Management of Diabetes. <i>Telemedicine Journal and E-Health</i> , 2008, 14, 1035-1043.	2.8	26
15	Information Technology Comes to Medicine. <i>Yearbook of Ophthalmology</i> , 2008, 2008, 277-280.	0.0	0
16	Informatics and Medicine. <i>Methods of Information in Medicine</i> , 2008, 47, 283-295.	1.2	39
17	Health and Biomedical Informatics: Opportunities and Challenges for a Twenty-First Century Profession and its Education. <i>Yearbook of Medical Informatics</i> , 2008, 17, 157-164.	1.0	19
18	Implementing an electronic medical record system in a rural general practice. <i>South African Family Practice: Official Journal of the South African Academy of Family Practice/Primary Care</i> , 2009, 51, 1-2.	0.6	0
19	Ambulatory Quality Improvement in Academic Medical Centers: A Changing Landscape. <i>American Journal of Medical Quality</i> , 2009, 24, 287-294.	0.5	9
20	Implementing an electronic medical record system in a rural general practice. <i>South African Family Practice: Official Journal of the South African Academy of Family Practice/Primary Care</i> , 2009, 51, 346-347.	0.6	2

#	ARTICLE	IF	CITATIONS
22	IMPACT OF EXPANDING USE OF HEALTH INFORMATION TECHNOLOGIES ON MEDICAL STUDENT EDUCATION IN FAMILY MEDICINE. <i>Annals of Family Medicine</i> , 2009, 7, 470-471.	1.9	6
23	HEAL NY: Promoting Interoperable Health Information Technology In New York State. <i>Health Affairs</i> , 2009, 28, 493-504.	5.2	60
24	Integrated health systems. <i>Information, Knowledge, Systems Management</i> , 2009, 8, 369-382.	0.3	4
25	Implementing electronic medical records. <i>Communications of the ACM</i> , 2009, 52, 18-20.	4.5	23
26	IS THE FAMILY PHYSICIAN IN OR OUT OF HOSPITAL MEDICINE? A DISCUSSION OF PERTINENT PERSPECTIVES TO CONSIDER AS WE ADDRESS INPATIENT CURRICULAR REVIEW. <i>Annals of Family Medicine</i> , 2009, 7, 471-472.	1.9	1
27	Neuroinformatics for Neuropsychology. , 2009, , .		13
28	Electronic medical record use and efficiency: A DEA and windows analysis of hospitals. <i>Socio-Economic Planning Sciences</i> , 2009, 43, 209-216.	5.0	80
30	Effectiveness of a clinical decision support system to identify heparin induced thrombocytopenia. <i>Journal of Thrombosis and Thrombolysis</i> , 2009, 28, 124-131.	2.1	22
32	The impact of electronic medical records on patientâ€œdoctor communication during consultation: a narrative literature review. <i>Journal of Evaluation in Clinical Practice</i> , 2009, 15, 641-649.	1.8	226
34	Use of Electronic Health Records in U.S. Hospitals. <i>New England Journal of Medicine</i> , 2009, 360, 1628-1638.	27.0	1,185
35	Electronic Medical History: Experience in a Dermatology Department. <i>Actas Dermo-sifiligrÃ¡ficas</i> , 2009, 100, 374-385.	0.4	0
36	A Medical Image Authentication System Based on Reversible Digital Watermarking. , 2009, , .		21
37	Watermarking Image Authentication in Hospital Information System. , 2009, , .		10
38	Soft nanotechnology: â€œstructureâ€œvs.â€œfunctionâ€œ. <i>Faraday Discussions</i> , 2009, 143, 373.	3.2	55
39	Point-of-Care Testing Informatics. <i>Clinics in Laboratory Medicine</i> , 2009, 29, 449-461.	1.4	21
40	Effectiveness of a Clinical-Decision-Support System in Improving Compliance With Cardiac-Care Quality Measures and Supporting Resident Training. <i>Academic Medicine</i> , 2009, 84, 1719-1726.	1.6	34
41	Quality assessment by external bodies: intended and unintended impact on healthcare delivery. <i>Current Opinion in Anaesthesiology</i> , 2009, 22, 237-241.	2.0	9
42	Can anesthesia information management systems improve quality in the surgical suite?. <i>Current Opinion in Anaesthesiology</i> , 2009, 22, 215-222.	2.0	28

#	ARTICLE	IF	CITATIONS
43	Financial Incentives, Quality Improvement Programs, and the Adoption of Clinical Information Technology. <i>Medical Care</i> , 2009, 47, 411-417.	2.4	41
44	Measuring the Effects of Health Information Technology on Quality of Care: A Novel Set of Proposed Metrics for Electronic Quality Reporting. <i>Joint Commission Journal on Quality and Patient Safety</i> , 2009, 35, 359-AP2.	0.7	41
45	Differences in Control of Cardiovascular Disease and Diabetes by Race, Ethnicity, and Education: U.S. Trends From 1999 to 2006 and Effects of Medicare Coverage. <i>Annals of Internal Medicine</i> , 2009, 150, 505.	3.9	280
46	Association of Health Information Technology and Teleintensivist Coverage With Decreased Mortality and Ventilator Use in Critically Ill Patients. <i>Archives of Internal Medicine</i> , 2010, 170, 648-53.	3.8	89
47	Prevalence of anaesthesia information management systems in university-affiliated hospitals in Europe. <i>European Journal of Anaesthesiology</i> , 2010, 27, 202-208.	1.7	19
48	Physicians' beliefs about using EMR and CPOE: In pursuit of a contextualized understanding of health IT use behavior. <i>International Journal of Medical Informatics</i> , 2010, 79, 71-80.	3.3	141
49	Physician productivity and the ambulatory EHR in a large academic multi-specialty physician group. <i>International Journal of Medical Informatics</i> , 2010, 79, 492-500.	3.3	72
50	Using a clinical decision support system to determine the quality of antimicrobial dosing in intensive care patients with renal insufficiency. <i>Quality and Safety in Health Care</i> , 2010, 19, 22-26.	2.5	39
51	Integrating genomic-based clinical decision support into electronic health records. <i>Personalized Medicine</i> , 2010, 7, 163-170.	1.5	9
52	Gradual Electronic Health Record Implementation: New Insights on Physician and Patient Adaptation. <i>Annals of Family Medicine</i> , 2010, 8, 316-326.	1.9	65
53	Overcoming barriers to electronic medical record (EMR) implementation in the US healthcare system: A comparative study. <i>Health Informatics Journal</i> , 2010, 16, 306-318.	2.1	53
54	Improving personal health records for patient-centered care. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2010, 17, 192-195.	4.4	86
55	Acceptability of the Talking Touchscreen for Health Literacy Assessment. <i>Journal of Health Communication</i> , 2010, 15, 80-92.	2.4	35
56	Bridging the gap: leveraging business intelligence tools in support of patient safety and financial effectiveness. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2010, 17, 136-143.	4.4	49
57	Outside the Box: Will Information Technology Be a Viable Intervention to Improve the Quality of Cancer Care?. <i>Journal of the National Cancer Institute Monographs</i> , 2010, 2010, 81-89.	2.1	71
58	Medical Malpractice Liability in the Age of Electronic Health Records. <i>New England Journal of Medicine</i> , 2010, 363, 2060-2067.	27.0	89
59	Research Commentary "The Digital Transformation of Healthcare: Current Status and the Road Ahead. <i>Information Systems Research</i> , 2010, 21, 796-809.	3.7	661
60	A Peek Inside the Box: How Information Flows Through Substance Abuse Treatment Agencies. <i>Journal of Technology in Human Services</i> , 2010, 28, 121-143.	1.6	3

#	ARTICLE	IF	CITATIONS
63	Impact of a Computerized Template on Antibiotic Prescribing for Acute Respiratory Infections in Children and Adolescents. <i>Clinical Pediatrics</i> , 2010, 49, 976-983.	0.8	35
64	A systems-of-systems perspective on healthcare: Insights from two multi-method exploratory cases of leading UK and US hospitals. , 2010, , .		0
65	Location-aware patient record access: Patient identification using fingerprinting technique. , 2011, , .		3
67	The Evolution of Health Care IT: Are Current U.S. Privacy Policies Ready for the Clouds?. , 2011, , .		13
68	Genetic Research and Biobanks. <i>Methods in Molecular Biology</i> , 2011, 675, 1-37.	0.9	24
69	Transitioning the Older Adult in the Ambulatory Care Setting. <i>AORN Journal</i> , 2011, 94, 348-361.	0.3	6
70	Regulatory and electronic alphabet soup: Practice improvements and implications for providers. <i>Technology and Health Care</i> , 2011, 19, 341-347.	1.2	0
71	Health Information Technology: Can there be meaningful use without meaningful design?. <i>Proceedings of the Human Factors and Ergonomics Society</i> , 2011, 55, 724-728.	0.3	2
72	Building a Departmental Quality Program: A Patient-Based and Provider-Led Approach. <i>Academic Medicine</i> , 2011, 86, 314-320.	1.6	11
73	Public Attitudes about Health Information Technology, and Its Relationship to Health Care Quality, Costs, and Privacy. <i>Health Services Research</i> , 2011, 46, 920-938.	2.0	63
74	The "biosecuritization" of healthcare delivery: Examples of post-9/11 technological imperatives. <i>Social Science and Medicine</i> , 2011, 72, 545-552.	3.8	13
75	Assessing the introduction of enterprise-wide clinical information systems in pediatric medical center. <i>Progress in Pediatric Cardiology</i> , 2011, 32, 141-145.	0.4	3
76	TURF: Toward a unified framework of EHR usability. <i>Journal of Biomedical Informatics</i> , 2011, 44, 1056-1067.	4.3	212
77	Improving Quality in Healthcare: Start With the Patient. <i>Mount Sinai Journal of Medicine</i> , 2011, 78, 813-819.	1.9	23
78	Cognitive performance-altering effects of electronic medical records: an application of the human factors paradigm for patient safety. <i>Cognition, Technology and Work</i> , 2011, 13, 11-29.	3.0	111
79	Healthcare Consumers'™ Attitudes Towards Physician and Personal Use of Health Information Exchange. <i>Journal of General Internal Medicine</i> , 2011, 26, 1019-1026.	2.6	52
80	Comparison of clinical knowledge management capabilities of commercially-available and leading internally-developed electronic health records. <i>BMC Medical Informatics and Decision Making</i> , 2011, 11, 13.	3.0	47
81	Legal, Ethical, and Financial Dilemmas in Electronic Health Record Adoption and Use. <i>Pediatrics</i> , 2011, 127, e1042-e1047.	2.1	82

#	ARTICLE	IF	CITATIONS
82	Perioperative Antibiotic Process Improvement Reaps Rewards. American Journal of Medical Quality, 2011, 26, 185-192.	0.5	7
83	Electronic medical record use in pediatric primary care. Journal of the American Medical Informatics Association: JAMIA, 2011, 18, 38-44.	4.4	31
84	Data from clinical notes: a perspective on the tension between structure and flexible documentation. Journal of the American Medical Informatics Association: JAMIA, 2011, 18, 181-186.	4.4	281
85	What Do People Affected by Cancer Think About Electronic Health Information Exchange? Results From the 2010 LIVESTRONG Electronic Health Information Exchange Survey and the 2008 Health Information National Trends Survey. Journal of Oncology Practice, 2011, 7, 237-241.	2.5	36
86	Online survey system for image-based clinical guideline studies using the Delphi method. , 2011, 2011, 5287-90.		1
87	Understanding Nurse Perceptions of a Newly Implemented Electronic Medical Record System. Journal of Technology in Human Services, 2011, 29, 247-262.	1.6	43
88	A health IT application domain course for a traditional IT program. , 2011, , .		0
89	Defining and Assigning Accountability for Quality Care and Patient Safety. Journal of Nursing Regulation, 2011, 2, 28-35.	2.2	3
90	Computers in the examination room and the electronic health record: physicians' perceived impact on clinical encounters before and after full installation and implementation. Family Practice, 2012, 29, 601-608.	1.9	60
91	Electronic Health Records and National Patient-Safety Goals. New England Journal of Medicine, 2012, 367, 1854-1860.	27.0	160
92	An Examination of the Relationships among IT Capability Intentions, IT Infrastructure Integration and Quality of Care: A Study in U.S. Hospitals. , 2012, , .		5
93	Medication administration quality and health information technology: a national study of US hospitals. Journal of the American Medical Informatics Association: JAMIA, 2012, 19, 360-367.	4.4	49
94	Caregivers and Computers: Key Lessons From the Adoption and Implementation of EMR in New York State Nursing Homes. Advances in Industrial and Labor Relations, 2012, , 75-104.	0.1	4
95	An exploratory study on technical and functional sophistications of health information technology in twin cities of Pakistan. , 2012, , .		2
96	Organisational factors associated with adoption of comprehensive and basic electronic-record systems in US hospitals. International Journal of Public Policy, 2012, 8, 92.	0.1	2
97	Electronic Medical File Exchange between On-Duty Care Providers and the Attending Paediatrician: a Belgian Paediatric Pilot Project. Acta Chirurgica Belgica, 2012, 112, 116-120.	0.4	0
98	EHR prescription for small, medium, and large hospitals: an exploratory study of Texas acute care hospitals. International Journal of Electronic Healthcare, 2012, 7, 125.	0.3	11
99	Creating Content Modules for Chinese EHR Documents and Their Trial Implementation in Wuwei City. Journal of Medical Systems, 2012, 36, 3665-3675.	3.6	0

#	ARTICLE	IF	CITATIONS
100	Interface design principles for usable decision support: A targeted review of best practices for clinical prescribing interventions. <i>Journal of Biomedical Informatics</i> , 2012, 45, 1202-1216.	4.3	217
101	Perceptions regarding the ease of use and usefulness of health information exchange systems among medical providers, case managers and non-clinical staff members working in HIV care and community settings. <i>International Journal of Medical Informatics</i> , 2012, 81, e21-e29.	3.3	20
102	Internet use for information seeking in clinical practice: A cross-sectional survey among French general practitioners. <i>International Journal of Medical Informatics</i> , 2012, 81, 493-499.	3.3	43
103	Towards an integrated model of IT acceptance in healthcare. <i>Decision Support Systems</i> , 2012, 53, 507-516.	5.9	102
104	Automated before-procedure electronic health record screening to assess appropriateness for GI endoscopy and sedation. <i>Gastrointestinal Endoscopy</i> , 2012, 76, 786-792.	1.0	16
105	<i>Omics.</i> , 2012, , 117-152.		5
106	Health Information Exchange and Ambulatory Quality of Care. <i>Applied Clinical Informatics</i> , 2012, 03, 197-209.	1.7	17
108	Factors affecting implementation of hospital management information systems in Pakistan. <i>International Journal of Physical Sciences</i> , 2012, 7, .	0.4	3
109	The value of health information exchange. <i>Journal of Healthcare Leadership</i> , 2012, , 17.	3.9	6
110	Academic self-efficacy: from educational theory to instructional practice. <i>Perspectives on Medical Education</i> , 2022, 1, 76-85.	3.5	274
111	Design and Development of EMR Supporting Medical Process Management. <i>Journal of Medical Systems</i> , 2012, 36, 1193-1203.	3.6	21
112	Performance Assessment of EMR Systems Based on Post-Relational Database. <i>Journal of Medical Systems</i> , 2012, 36, 2421-2430.	3.6	2
113	Do integrated record systems lead to integrated services? An observational study of a multi-professional system in a diabetes service. <i>International Journal of Medical Informatics</i> , 2012, 81, 45-52.	3.3	19
114	Electronic health record adoption and health information exchange among hospitals in New York State. <i>Journal of Evaluation in Clinical Practice</i> , 2012, 18, 1156-1162.	1.8	26
115	Effect of Electronic Health Records on Health Care Costs: Longitudinal Comparative Evidence From Community Practices. <i>Annals of Internal Medicine</i> , 2013, 159, 97.	3.9	33
116	Electronic Health Record Systems in Ophthalmology. <i>Ophthalmology</i> , 2013, 120, 1745-1755.	5.2	35
117	Systems Analysis Tools for Better Health Care Delivery. <i>Springer Optimization and Its Applications</i> , 2013, , .	0.9	5
118	An Expository Discourse of E-Health. <i>Springer Optimization and Its Applications</i> , 2013, , 49-63.	0.9	0

#	ARTICLE	IF	CITATIONS
119	Evaluating the influence of perceived organizational learning capability on user acceptance of information technology among operating room nurse staff. <i>Acta Anaesthesiologica Taiwanica</i> , 2013, 51, 22-27.	1.0	18
120	A pilot study of distributed knowledge management and clinical decision support in the cloud. <i>Artificial Intelligence in Medicine</i> , 2013, 59, 45-53.	6.5	70
121	A comparison of electronic health records at two major Peking University Hospitals in China to United States meaningful use objectives. <i>BMC Medical Informatics and Decision Making</i> , 2013, 13, 96.	3.0	32
122	Building a software platform to guide doctors and nurses with ultrasound scanning. , 2013, , .		2
123	Les enjeux et les bonnes pratiques éthiques en télé-radiologie. <i>Éthique & Santé</i> , 2013, 10, 109-114.	0.1	3
124	Novel Infrastructure for Sepsis Biomarker Research in Critically Ill Neonates and Children. <i>Clinical and Translational Science</i> , 2013, 6, 21-25.	3.1	3
125	A Survey Analysis Suggests That Electronic Health Records Will Yield Revenue Gains For Some Practices And Losses For Many. <i>Health Affairs</i> , 2013, 32, 562-570.	5.2	46
126	Electronic Prescribing in Pediatrics: Toward Safer and More Effective Medication Management. <i>Pediatrics</i> , 2013, 131, e1350-e1356.	2.1	59
127	Linking health information technology to patient safety and quality outcomes: a bibliometric analysis and review. <i>Informatics for Health and Social Care</i> , 2013, 38, 1-14.	2.6	35
128	Health information technology adoption in New Zealand optometric practices. <i>Australasian journal of optometry, The</i> , 2013, 96, 557-565.	1.3	7
129	Patient satisfaction with electronic medical/health record: a systematic review. <i>Scandinavian Journal of Caring Sciences</i> , 2013, 27, 785-791.	2.1	41
130	IT Governance Characteristics, Electronic Medical Records Sophistication, and Financial Performance in U.S. Hospitals: An Empirical Investigation. <i>Decision Sciences</i> , 2013, 44, 483-516.	4.5	39
132	A study of SME private healthcare personnel acceptance of Clinic Information System in Malaysia. <i>International Journal of Business Information Systems</i> , 2013, 14, 238.	0.2	7
133	Improved Cardiovascular Risk Prediction Using Nonparametric Regression and Electronic Health Record Data. <i>Medical Care</i> , 2013, 51, 251-258.	2.4	52
134	Dynamic Comparison of Physicians' Interaction Style with Electronic Health Records in Primary Care Settings. <i>Journal of General Practice (Los Angeles, Calif)</i> , 2013, 02, .	0.1	3
135	SHRINE: Enabling Nationally Scalable Multi-Site Disease Studies. <i>PLoS ONE</i> , 2013, 8, e55811.	2.5	105
136	How could health information exchange better meet the needs of care practitioners?. <i>Applied Clinical Informatics</i> , 2014, 05, 861-877.	1.7	40
137	The Evolving Intellectual Structure of the Health Informatics Discipline: A Multi-Method Investigation of a Rapidly-Growing Scientific Field. <i>SSRN Electronic Journal</i> , 0, , .	0.4	5

#	ARTICLE	IF	CITATIONS
138	A Qualitative Analysis Evaluating The Purposes And Practices Of Clinical Documentation. Applied Clinical Informatics, 2014, 05, 153-168.	1.7	31
139	No Evidence Found That Hospitals Are Using New Electronic Health Records To Increase Medicare Reimbursements. Health Affairs, 2014, 33, 1271-1277.	5.2	27
140	The path to more general artificial intelligence. Journal of Experimental and Theoretical Artificial Intelligence, 2014, 26, 343-354.	2.8	18
141	ImPatho - an image processing based pathological decision support system for disease identification and a novel tool for overall health governance. , 2014, , .		1
142	A Systems-of-Systems Perspective on Healthcare: Insights From Two Multi-Method Exploratory Cases of Leading U.S. and U.K. Hospitals. IEEE Systems Journal, 2014, 8, 795-802.	4.6	6
143	Electronic health recordâ€related safety concerns: A crossâ€sectional survey. Journal of Healthcare Risk Management: the Journal of the American Society for Healthcare Risk Management, 2014, 34, 14-26.	0.7	22
144	Use patterns of health information exchange through a multidimensional lens: Conceptual framework and empirical validation. Journal of Biomedical Informatics, 2014, 52, 212-221.	4.3	12
145	Asynchronous Virtual Visits for the Follow-Up of Chronic Conditions. Telemedicine Journal and E-Health, 2014, 20, 669-672.	2.8	35
146	Clinical Decision-Support Systems. , 2014, , 643-674.		218
147	Electronic Health Record Training in Undergraduate Medical Education. Academic Medicine, 2014, 89, 380-386.	1.6	73
148	The Impact of Health Information Technology on Staffing. Journal of Nursing Administration, 2014, 44, 117-120.	1.4	5
149	EHR adoption across China's tertiary hospitals: A cross-sectional observational study. International Journal of Medical Informatics, 2014, 83, 113-121.	3.3	39
150	Are three methods better than one? A comparative assessment of usability evaluation methods in an EHR. International Journal of Medical Informatics, 2014, 83, 361-367.	3.3	50
151	Improving Cardiovascular Outcomes Using Electronic Health Records. Current Cardiology Reports, 2014, 16, 451.	2.9	11
152	Measuring agreement between decision support reminders: the cloud vs. the local expert. BMC Medical Informatics and Decision Making, 2014, 14, 31.	3.0	9
153	Addressing Electronic Clinical Information in the Construction of Quality Measures. Academic Pediatrics, 2014, 14, S82-S89.	2.0	14
154	Behavioral Research in Cancer Prevention and Control. American Journal of Preventive Medicine, 2014, 46, 303-311.	3.0	50
155	Clinical and Financial Considerations for Implementing an ICU Telemedicine Program. Chest, 2014, 145, 1392-1396.	0.8	22

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156	Capturing Structured, Pulmonary Disease-Specific Data Elements in Electronic Health Records. <i>Chest</i> , 2015, 147, 1152-1160.	0.8	5
158	A process model leading to successful implementation of electronic health record systems. <i>International Journal of Electronic Healthcare</i> , 2015, 8, 185.	0.3	13
159	Clinical and surgical applications of smart glasses. <i>Technology and Health Care</i> , 2015, 23, 381-401.	1.2	123
160	A path analysis study of retention of healthcare professionals in urban India using health information technology. <i>Human Resources for Health</i> , 2015, 13, 65.	3.1	21
161	Enhancing patient-doctor-computer communication in primary care: towards measurement construction. <i>Israel Journal of Health Policy Research</i> , 2015, 4, 4.	2.6	20
162	Web-Based Tailored Intervention for Preparation of Parents and Children for Outpatient Surgery (WebTIPS). <i>Anesthesia and Analgesia</i> , 2015, 120, 915-922.	2.2	94
163	The Relation Between Having a Usual Source of Care and Ratings of Care Quality: Does Patient-Centered Communication Play a Role?. <i>Journal of Health Communication</i> , 2015, 20, 759-765.	2.4	47
164	Open-source health information technology: A case study of electronic medical records. <i>Health Policy and Technology</i> , 2015, 4, 14-28.	2.5	34
165	Electronic health records and resident workflow: A time-motion study of otolaryngology residents. <i>Laryngoscope</i> , 2015, 125, 594-598.	2.0	29
166	Electronic Health Record Use by Nurses in Mental Health Settings: A Literature Review. <i>Archives of Psychiatric Nursing</i> , 2015, 29, 238-241.	1.4	20
167	Learning for healthy outcomes: Exploration and exploitation with electronic medical records. <i>Information and Management</i> , 2015, 52, 550-562.	6.5	9
168	Electronic Stroke CarePath. <i>Circulation: Cardiovascular Quality and Outcomes</i> , 2015, 8, S179-89.	2.2	21
169	Cognitive Informatics for Biomedicine. <i>Computers in Health Care</i> , 2015, , .	0.3	9
170	Use patterns of health information exchange systems and admission decisions: Reductionistic and configurational approaches. <i>International Journal of Medical Informatics</i> , 2015, 84, 1029-1038.	3.3	10
172	Electronic health record system: adoption and influencing factors. <i>International Journal of Entrepreneurship and Innovation Management</i> , 2016, 20, 200.	0.1	0
173	Clinical Decision Support: a 25 Year Retrospective and a 25 Year Vision. <i>Yearbook of Medical Informatics</i> , 2016, 25, S103-S116.	1.0	166
174	Using Technology to Improve Cancer Care: Social Media, Wearables, and Electronic Health Records. <i>American Society of Clinical Oncology Educational Book / ASCO American Society of Clinical Oncology Meeting</i> , 2016, 35, 200-208.	3.8	17
175	Implementing E-Health. , 2016, , .		2

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176	Surgeons' Perspective of a Newly Initiated Electronic Medical Record. Baylor University Medical Center Proceedings, 2016, 29, 21-23.	0.5	4
177	Augmented Image Interpretation Through the Use of Advanced Health Record Technology. Journal of the American College of Radiology, 2016, 13, 1151-1155.	1.8	0
178	Exploring Cloudy Collaboration in Healthcare: An Evaluation Framework of Cloud Computing Services for Hospitals. , 2016, , .		6
179	Toward a better understanding of task demands, workload, and performance during physician-computer interactions. Journal of the American Medical Informatics Association: JAMIA, 2016, 23, 1113-1120.	4.4	34
180	Developing and pilot testing an electronic medical recordâ€based allergen immunotherapy template. Annals of Allergy, Asthma and Immunology, 2016, 117, 206-208.	1.0	0
181	Pain buddy: A novel use of m-health in the management of children's cancer pain. Computers in Biology and Medicine, 2016, 76, 202-214.	7.0	96
183	Allergic contact dermatitis to balsam of Peru. Annals of Allergy, Asthma and Immunology, 2016, 117, 208-209.	1.0	4
184	Evaluating the feasibility of using tablets in emergency departments. International Journal of Networking and Virtual Organisations, 2016, 16, 124.	0.2	0
185	Exploring Business Strategy in Health Information Exchange Organizations. Journal of Healthcare Management, 2016, 61, 15-26.	0.6	2
186	Development of a Tobacco Cessation Clinical Decision Support System for Pediatric Emergency Nurses. CIN - Computers Informatics Nursing, 2016, 34, 560-569.	0.5	9
187	Developing a point-of-care electronic medical record system for TB/HIV co-infected patients: experiences from Lighthouse Trust, Lilongwe, Malawi. BMC Research Notes, 2016, 9, 146.	1.4	28
188	Development of an Automated Healthcare Kiosk for the Management of Chronic Disease Patients in the Primary Care Setting. Journal of Medical Systems, 2016, 40, 169.	3.6	16
189	Effective implementation of health information technologies in U.S. hospitals. Health Care Management Review, 2016, 41, 11-21.	1.4	7
190	An importance-performance analysis of hospital information system attributes: A nurses' perspective. International Journal of Medical Informatics, 2016, 86, 82-90.	3.3	62
191	Educational Technologies in Medical and Health Sciences Education. Advances in Medical Education, 2016, , .	0.4	3
192	Improving the quality of EHR recording in primary care: a data quality feedback tool. Journal of the American Medical Informatics Association: JAMIA, 2017, 24, 81-87.	4.4	53
193	A meta-analysis of e-health applications acceptance. Journal of Enterprise Information Management, 2017, 30, 295-319.	7.5	38
194	Effect of an electronic medication administration record application on patient safety. Journal of Evaluation in Clinical Practice, 2017, 23, 888-894.	1.8	13

#	ARTICLE	IF	CITATIONS
195	Balancing volume and duration of information consumption by physicians: The case of health information exchange in critical care. <i>Journal of Biomedical Informatics</i> , 2017, 71, 1-15.	4.3	6
196	Integrating family planning services into HIV care: use of a point-of-care electronic medical record system in Lilongwe, Malawi. <i>Global Health Action</i> , 2017, 10, 1383724.	1.9	7
197	Identifying and eliminating inefficiencies in information system usage: A lean perspective. <i>International Journal of Medical Informatics</i> , 2017, 107, 40-47.	3.3	24
198	Community-acquired pneumonia management and outcomes in the era of health information technology. <i>Respirology</i> , 2017, 22, 1529-1535.	2.3	10
199	The Use of Electronic Medical Records in Jordanian Hospitals. <i>CIN - Computers Informatics Nursing</i> , 2017, 35, 538-545.	0.5	14
200	Daily Electronic Health Record Reports Meet Meaningful Use Requirements, Improve Care Efficiency, and Provide a Layer of Safety for Trauma Patients. <i>Journal of Trauma Nursing: the Official Journal of the Society of Trauma Nurses</i> , 2017, 24, 53-56.	0.5	5
201	Physician perceptions of clutter in electronic medical records. <i>Proceedings of the Human Factors and Ergonomics Society</i> , 2017, 61, 572-572.	0.3	0
202	Introduction of the American Academy of Facial Plastic and Reconstructive Surgery FACE TO FACE Database. <i>Journal of Craniofacial Surgery</i> , 2017, 28, 1171-1174.	0.7	1
203	Discrepancies between perceptions of students and deans regarding the consequences of restricting students' use of electronic medical records on quality of medical education. <i>BMC Medical Education</i> , 2017, 17, 55.	2.4	9
204	Comparative analysis of two methods of data entry into electronic medical records: A randomized clinical trial (research letter). <i>Journal of Evaluation in Clinical Practice</i> , 2017, 23, 1478-1481.	1.8	2
205	Barriers to Achieving Economies of Scale in Analysis of EHR Data. <i>Applied Clinical Informatics</i> , 2017, 08, 826-831.	1.7	36
206	A robust authentication model using multi-channel communication for eHealth systems to enhance privacy and security. , 2017, , .		3
207	Robust fingerprint verification for enhancing security in healthcare system. , 2017, , .		4
208	FIN-TIERA: A Tool for Assessing Technology Induced Errors. <i>Methods of Information in Medicine</i> , 2017, 56, 1-12.	1.2	5
209	Le numérique au coeur des soins de santé: des médecins généralistes 2.0?. <i>Sociologies Pratiques</i> , 2017, N° 34, 73-82.	0.5	0
210	An Electronic Health Record-Based Strategy to Address Child Tobacco Smoke Exposure. <i>American Journal of Preventive Medicine</i> , 2018, 54, 64-71.	3.0	18
211	Health outcomes of patients with chronic disease managed with a healthcare kiosk in primary care: protocol for a pilot randomised controlled trial. <i>BMJ Open</i> , 2018, 8, e020265.	1.9	4
212	Assessing the Physicians' Acceptance of E-Prescribing in a Developing Country. <i>Journal of Global Information Management</i> , 2018, 26, 121-142.	2.8	31

#	ARTICLE	IF	CITATIONS
213	The Catch to Confidentiality: The Use of Electronic Health Records in Adolescent Health Care. <i>Journal of Adolescent Health</i> , 2018, 62, 577-582.	2.5	26
214	How blockchain technology can change medicine. <i>Postgraduate Medicine</i> , 2018, 130, 420-427.	2.0	104
215	Health solutions in developing countries: Case of Kuwait. , 2018, , .		1
216	Advancing cancer care and prevention in the Caribbean: a survey of strategies for the region. <i>Lancet Oncology</i> , The, 2019, 20, e522-e534.	10.7	17
217	Using the importance-performance analysis to improve hospital information system attributes based on nursesâ€™ perceptions. <i>Informatics in Medicine Unlocked</i> , 2019, 17, 100251.	3.4	13
218	A Technology-Enabled Concussion Care Pathway Reduces Costs and Enhances Care. <i>Physical Therapy</i> , 2020, 100, 136-148.	2.4	12
219	Using cTAKES to Build a Simple Speech Transcriber Plugin for an EMR. , 2019, , .		2
220	Association between Having a Regular Health Provider and Access to Services Linked to Electronic Health Records. <i>Hospital Topics</i> , 2019, 97, 1-10.	0.5	8
221	Medizinische Datenhaltung â€“ Ansatz, Konzepte, strategische und operative Implikationen. <i>Laryngo-Rhino- Otologie</i> , 2019, 98, S220-S252.	0.2	1
222	Automation to optimise physician treatment of individual patients: examples in psychiatry. <i>Lancet Psychiatry</i> , the, 2019, 6, 338-349.	7.4	28
223	SEWA: A framework for sociotechnical analysis of electronic health record system workarounds. <i>International Journal of Medical Informatics</i> , 2019, 125, 71-78.	3.3	20
224	Impact of Telemonitoring of Critically Ill Emergency Department Patients Awaiting ICU Transfer*. <i>Critical Care Medicine</i> , 2019, 47, 1201-1207.	0.9	22
225	Pain relief in the palm of your hand: Harnessing mobile health to manage pediatric pain. <i>Paediatric Anaesthesia</i> , 2019, 29, 120-124.	1.1	24
226	Surgery without a surrogate: the low prevalence of healthcare power of attorney documents among preoperative patients. <i>Hospital Practice (1995)</i> , 2019, 47, 28-33.	1.0	13
227	Robust user authentication model for securing electronic healthcare system using fingerprint biometrics. <i>International Journal of Computers and Applications</i> , 2019, 41, 233-242.	1.3	7
228	Information need assessment of health care workers in large hospitals of Delhi: an empirical study. <i>International Journal of Information Technology (Singapore)</i> , 2020, 12, 907-914.	2.7	0
229	Nurses' Perceptions of Implant Barcode Scanning in Surgical Services. <i>CIN - Computers Informatics Nursing</i> , 2020, 38, 131-138.	0.5	1
230	Guiding principles for the use of knowledge bases and real-world data in clinical decision support systems: report by an international expert workshop at Karolinska Institutet. <i>Expert Review of Clinical Pharmacology</i> , 2020, 13, 925-934.	3.1	8

#	ARTICLE	IF	CITATIONS
231	Challenges for developing health-care knowledge in the digital age. <i>Journal of Knowledge Management</i> , 2022, 26, 824-853.	5.1	20
232	The Impact of the Moderating Effect of Psychological Health Status on Nurse Healthcare Management Information System Usage Intention. <i>Healthcare (Switzerland)</i> , 2020, 8, 28.	2.0	11
233	Ethical practice in sharing and mining medical data. <i>Journal of Information Communication and Ethics in Society</i> , 2021, 19, 1-19.	1.5	2
234	Clinical Decision-Support Systems. , 2021, , 795-840.		50
235	Modeling multivariate clinical event time-series with recurrent temporal mechanisms. <i>Artificial Intelligence in Medicine</i> , 2021, 112, 102021.	6.5	17
236	Usability of electronic health record systems in UK EDs. <i>Emergency Medicine Journal</i> , 2021, 38, 410-415.	1.0	25
237	Assessing the Adoption of e-Health Technology in a Developing Country: An Extension of the UTAUT Model. <i>SAGE Open</i> , 2021, 11, 215824402110275.	1.7	22
238	The Expanding Divide between Videoconferencing and Enterprise-Grade Virtual Care Platforms for Healthcare Systems. <i>Telehealth and Medicine Today</i> , 0, , .	0.0	0
239	On the experience of health professionalsâ€™ information competence formation in the framework of continuing professional education. <i>Revista Tempos E EspaÃ§os Em EducaÃ§Ã£o</i> , 2021, 14, e16323.	0.1	0
240	C-Grid: Enabling iRODS-based Grid Technology for Community Health Research. <i>Lecture Notes in Computer Science</i> , 2013, , 17-31.	1.3	6
241	Medical History in the Patient with Uveitis. , 2010, , 37-40.		1
242	SAFER Electronic Health Records. , 0, , .		6
243	Using Multifactorial Experiments For Comparative Effectiveness Research in Physician Practices with Electronic Health Records. <i>EGEMS (Washington, DC)</i> , 2017, 1, 5.	2.0	3
244	Barriers in Adoption of Health Information Technology in Developing Societies. <i>International Journal of Advanced Computer Science and Applications</i> , 2011, 2, .	0.7	40
245	Using Technology to Improve Cancer Care: Social Media, Wearables, and Electronic Health Records. <i>American Society of Clinical Oncology Educational Book / ASCO American Society of Clinical Oncology Meeting</i> , 2016, 36, 200-208.	3.8	13
246	Evaluation of Transition to Electronic Prescriptions in Turkey: Perspective of Family Physicians. <i>International Journal of Health Policy and Management</i> , 2019, 8, 40-48.	0.9	12
247	South African physiciansâ€™ acceptance of e-prescribing technology: an empirical test of a modified UTAUT model. <i>South African Computer Journal</i> , 0, 50, .	0.2	25
248	Explaining International IT Application Leadership: Health IT. <i>SSRN Electronic Journal</i> , 0, , .	0.4	7

#	ARTICLE	IF	CITATIONS
249	Information Sharing and Case Conference Among the Multidisciplinary Team Improve Patients' Perceptions of Care. <i>Open Nursing Journal</i> , 2011, 5, 79-85.	0.4	13
250	Adoption of an Electronic Patient Record Sharing Pilot Project: Cross-Sectional Survey. <i>Journal of Medical Internet Research</i> , 2020, 22, e13761.	4.3	10
251	Workarounds Emerging From Electronic Health Record System Usage: Consequences for Patient Safety, Effectiveness of Care, and Efficiency of Care. <i>JMIR Human Factors</i> , 2017, 4, e27.	2.0	64
252	Patients' Attitudes Toward Electronic Health Information Exchange: Qualitative Study. <i>Journal of Medical Internet Research</i> , 2009, 11, e30.	4.3	122
253	How Consumers and Physicians View New Medical Technology: Comparative Survey. <i>Journal of Medical Internet Research</i> , 2015, 17, e215.	4.3	41
254	Exploring Workarounds Related to Electronic Health Record System Usage: A Study Protocol. <i>JMIR Research Protocols</i> , 2017, 6, e72.	1.0	13
255	Health care paradigms in transition. <i>Gerontechnology</i> , 2014, 13, .	0.1	10
256	Applied Business Intelligence in Surgery Waiting Lists Management. , 2019, , 1580-1594.		4
257	Interactive Sociotechnical Analysis. , 2010, , 33-51.		2
258	Health Infonomics. , 2010, , 217-232.		4
259	Opportunities and Threats of Cloud Computing in HealthCare. <i>International Journal of Computer Applications</i> , 2014, 101, 30-33.	0.2	2
260	Information Technology - a Tool for Development of the Teaching Process at the Faculty of Medicine, University of Sarajevo. <i>Acta Informatica Medica</i> , 2015, 23, 108.	1.1	8
261	Developing a decision support system for tobacco use counselling using primary care physicians. <i>Journal of Innovation in Health Informatics</i> , 2008, 16, 101-109.	0.9	21
262	Record media used by primary care providers in medically underserved regions of upstate New York was not pivotal to clinical result in the Informatics for Diabetes Education and Telemedicine (IDEATel) project. <i>Journal of Innovation in Health Informatics</i> , 2009, 17, 103-112.	0.9	3
263	Regional social system for specialized medical care in hematologic malignancies: a pilot study. <i>Rural and Remote Health</i> , 0, , .	0.5	1
264	Clinical Decision Support Systems. , 2009, , 217-238.		90
265	Clinical Value-Add for Health Information Exchange (HIE). <i>The Internet Journal of Medical Informatics</i> , 2011, 6, .	0.1	3
266	Health Information Technology in Canada's Health Care System: Innovation and Adoption. <i>Smart Innovation, Systems and Technologies</i> , 2011, , 763-768.	0.6	0

#	ARTICLE	IF	CITATIONS
267	Adoption and Diffusion of Health Information Technology: The Case of Primary Care Clinics. SSRN Electronic Journal, 0, , .	0.4	0
268	Medical information technologies can increase quality and reduce costs. Clinics, 2013, 68, 425-425.	1.5	2
270	CONCEPTUAL FOUNDATION OF SAFER GUIDES. , 2015, , 105-136.		1
271	Incentivizing an Increase in Primary Care Physicians: A Policy Proposal from the Perspective of the Association of American Medical Colleges. MOJ Public Health, 2015, 2, .	0.1	0
274	THE CONTEXT OF EHR SAFETY AND THE NEED FOR RISK ASSESSMENT. , 2015, , 1-32.		0
275	HIT and Medical Liability Risks. , 2016, , 209-218.		0
276	Investigating Parentsâ€™ Attitude Towards Using Intelligent Solutions in Care Process: The Case of Paediatric Congenital Heart Disease. Healthcare Delivery in the Information Age, 2016, , 413-429.	0.3	0
277	Utilising Mobile Electronic Health Records in Clinical Education. Advances in Medical Education, 2016, , 159-179.	0.4	1
278	Errors Related to CPOE. , 2016, , 27-39.		0
280	Mastering Electronic Health Record in Global Health Care. Advances in Healthcare Information Systems and Administration Book Series, 2017, , 222-242.	0.2	8
281	Informatics and Health Services. , 2017, , 543-569.		0
282	Mastering Electronic Health Record in Global Health Care. , 2017, , 1091-1111.		1
283	The Effect of Electronic Medical Record Adaptation on Reported Medication Errors in Peripartum Care Areas. International Journal of Womenâ€™s Health Care, 2017, 2, .	0.0	0
284	Applied Business Intelligence in Surgery Waiting Lists Management. Advances in Medical Technologies and Clinical Practice Book Series, 2018, , 171-185.	0.3	0
285	Evaluation of User Experience of New Defense Medical Information System. Healthcare Informatics Research, 2019, 25, 73.	1.9	2
286	The decision support system in the treatment of arterial hypertension â€” control of the data entry into the electronic chart. Arterial Hypertension (Russian Federation), 2019, 24, 704-709.	0.4	0
287	Association Between Physiciansâ€™ Burden and Performance During Interactions with Electronic Health Records (EHRs). Advances in Intelligent Systems and Computing, 2020, , 26-35.	0.6	0
290	Medical History in the Patient with Uveitis. , 2020, , 29-30.		0

#	ARTICLE	IF	CITATIONS
291	Informatics and Health Services. Advances in Healthcare Information Systems and Administration Book Series, 0, , 89-114.	0.2	1
292	Informatics and Health Services. , 0, , 215-241.		0
293	Supporting Knowledge-Based Decision Making in the Medical Context. , 0, , 1721-1737.		0
294	E-Health. , 0, , 47-63.		4
295	E-Health as the Realm of Healthcare Quality. , 0, , 291-310.		2
296	Economic Value of Data and Analytics for Health Care Providers: Hermeneutic Systematic Literature Review. Journal of Medical Internet Research, 2020, 22, e23315.	4.3	6
297	What workforce is needed to implement the health information technology agenda? Analysis from the HIMSS analytics database. AMIA ... Annual Symposium proceedings, 2008, , 303-7.	0.2	17
299	Pay-for-Performance Initiatives: Modest Benefits for Improving Healthcare Quality. American Health and Drug Benefits, 2010, 3, 135-42.	0.5	5
300	The Number Needed to Remind: a Measure for Assessing CDS Effectiveness. AMIA ... Annual Symposium proceedings, 2014, 2014, 506-15.	0.2	3
301	Effective implementation of electronic medical records and health information technologies. Missouri Medicine, 2015, 112, 41-5.	0.3	1
302	Leverage Real-world Longitudinal Data in Large Clinical Research Networks for Alzheimer's Disease and Related Dementia (ADRD). AMIA ... Annual Symposium proceedings, 2020, 2020, 393-401.	0.2	1
303	Overcoming privacy concerns in consumers' use of health information technologies: A justice framework. Journal of Business Research, 2022, 141, 782-793.	10.2	13
304	E-Health as the Realm of Healthcare Quality. , 0, , 73-92.		0
305	Practice Management, Economics, and Conflicts of Interest from an Organized Neurosurgery Perspective. , 2017, , 1859-1866.e1.		0
309	Effects of Hospital Digitization on Clinical Outcomes and Patient Satisfaction: Nationwide Multiple Regression Analysis Across German Hospitals. Journal of Medical Internet Research, 2022, 24, e40124.	4.3	4
310	A data-driven approach to clinical decision support in tinnitus retraining therapy. Frontiers in Neuroinformatics, 0, 16, .	2.5	3
311	Hybrid Model Based on Technology Acceptance Model (TAM) & Information System Success Model (ISSM) in Analyzing the Use of E-Health. E3S Web of Conferences, 2022, 359, 05003.	0.5	1
312	A Wolf in Sheep's Clothing: Reuse of Routinely Obtained Laboratory Data in Research. Journal of Medical Internet Research, 2022, 24, e40516.	4.3	2

#	ARTICLE	IF	CITATIONS
313	Distribution of age, sex, race, and ethnicity in COVID-19 clinical drug trials in the United States: A review. <i>Contemporary Clinical Trials</i> , 2022, 123, 106997.	1.8	0
314	Evaluation of turkish pharmaceutical track and trace system (ITS): perspective of community pharmacists. <i>Brazilian Journal of Pharmaceutical Sciences</i> , 0, 58, .	1.2	0
315	Information Technology in Health-Care Systems and Primary Health Care. <i>Open Access Macedonian Journal of Medical Sciences</i> , 2022, 10, 1919-1926.	0.2	4
316	Can Blockchain Technology Change Contemporary Medicine as It is Currently Understood?. <i>Integrated Science</i> , 2023, , 7-18.	0.2	0
318	The impact of limited access to electronic medical records on neurosurgical care within the CARICOM countries: A survey and scoping review. <i>Brain and Spine</i> , 2023, 3, 101747.	0.1	1
319	Orthopedic Resident and Patient Perception of Electronic Medical Record Use During the Clinic Visit. <i>Cureus</i> , 2023, , .	0.5	0
320	HIGH-QUALITY E-HEALTH WEBSITES FOR INFORMATION ON ENDOMETRIOSIS: A SYSTEMATIC REVIEW (Preprint). <i>Journal of Medical Internet Research</i> , 0, , .	4.3	0